



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

RBEM652V3002101-M-7  
Job Sheet 185849



Part No: RBEM652V3002101-M-7

Job Qty: 6 ea

Part Name: Stud



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/5/18

Job Tracking No:

Due Date: 11/9/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBEM652V3002101-M Rev B IPP Rev A 18.04.02 New issue DP Verify DD/ IPP Rev. B 18.09.27 drawing revision DP Verify DD

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation                     | Qty   | Start Date | Due Date | Standard  | Workcenter/Supplier | Sign-off              |
|-------|-------------------------------|-------|------------|----------|-----------|---------------------|-----------------------|
|       |                               |       |            |          | Setup Hrs | Run Hrs             |                       |
| 90    | Bandsaw                       | 6 pcs | 11/9/18    | 11/9/18  | 0.00      | 0.00                | Bandsaw - 1 - B4B     |
| 100   | Outsource                     | 6 pcs | 11/9/18    | 11/9/18  | 0.00      | 0.00                | Outsource1 Atlantic   |
| 102   | Packaging 2-1 - Receive - B4B | 6 pcs | 11/9/18    | 11/9/18  | 0.00      | 0.00                | Packaging 2 - 1 - B4B |
| 103   | QC 6                          | 6 pcs | 11/9/18    | 11/9/18  | 0.00      | 0.00                | QC 6 - 16             |
| 110   | CNC Lathe                     | 6 pcs | 11/9/18    | 11/9/18  | 0.00      | 1.50                | MORI SL-154           |
| 120   | QC                            | 6 pcs | 11/9/18    | 11/9/18  | 0.00      | 0.00                | QC2 Machining-4       |
| 130   | QC                            | 6 pcs | 11/9/18    | 11/9/18  | 0.00      | 0.00                | QC8 Machining-4       |
| 140   | Outsource                     | 6 pcs | 11/9/18    | 11/9/18  | 0.00      | 0.00                | Outsource12           |
| 150   | Packaging                     | 6 pcs | 11/9/18    | 11/9/18  | 0.00      | 0.00                | Packaging2            |
| 160   | QC                            | 6 pcs | 11/9/18    | 11/9/18  | 0.00      | 0.00                | QC6                   |
| 210   | Packaging                     | 6 pcs | 11/9/18    | 11/9/18  | 0.00      | 0.00                | Packaging3-1          |
| 220   | QC21-SA                       | 6 Ea  | 11/9/18    | 11/9/18  | 0.00      | 0.00                | QC21                  |

Part Op 90 - Cut bar to 36.0" Atlantic  
Descriptions: 100 - 1--Issue P/O to Metcore; P/O 0411630 RC 35-45 2-Bead blast 3- Certificate of Conformity is required  
110 - 1-Machine as per DWG. FC066 FOLIO REV: \_\_\_\_\_ DWG REV: \_\_\_\_\_ 2-Deburr  
140 - -Issue P/O to Groupe Altech; PO \_\_\_\_\_ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required

### Job BOM

| Part / Item  | Component Name                  | Quantity             | Operation  | Container |
|--------------|---------------------------------|----------------------|------------|-----------|
| MT-O1-R0.750 | Tool Steel Round Bar 0.750 dia. | 7.2300 ft (1.205 ea) | 90-Bandsaw |           |

### Job Allocations

| Operation  | Component Part | Required | Inventory | Allocated |
|------------|----------------|----------|-----------|-----------|
| 90-Bandsaw | MT-O1-R0.750   | 7        | 9         | 0         |



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

Container No: S124679



Part: RBEM652V3002101-M-7

Job No: 185849

Serial No/Batch: S124679

Revision: B

Inspector:

Exp Date:

ions

ot be found.

Plex 11/5/18 10:36 AM Dart.lajeunesse.marie

DAS  
62  
9-89

Cancelled  
Tear back



DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

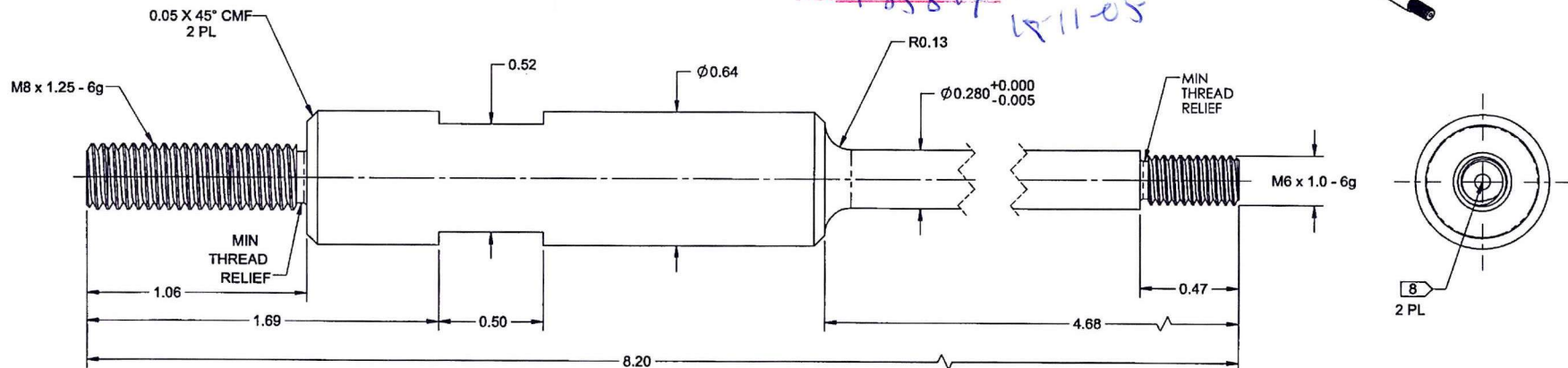
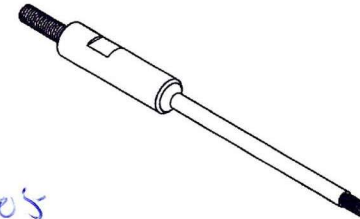
QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                       |                                              |  |                                    |                                     |                                    |                                      |                                    |                                    |                                           |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------|----------------------------------------------|--|------------------------------------|-------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------|------------------------------------|----------------------------------------------|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/>                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube <input type="checkbox"/></td> <td style="border: none;">Cross tube <input type="checkbox"/></td> <td style="border: none;">Water Jet <input type="checkbox"/></td> <td style="border: none;">Engineering <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Machining <input type="checkbox"/></td> <td style="border: none;">Small Fab <input type="checkbox"/></td> <td style="border: none;">Prod. Eng. Coor. <input type="checkbox"/></td> <td style="border: none;">Quality <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Thermoforming <input type="checkbox"/></td> <td style="border: none;">Finishing <input type="checkbox"/></td> <td style="border: none;">Rec/Store/Packaging <input type="checkbox"/></td> <td style="border: none;">Other <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Large Fab <input type="checkbox"/></td> <td style="border: none;">Composite <input type="checkbox"/></td> <td style="border: none;">Supplier <input type="checkbox"/></td> <td></td> </tr> </table> |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                       |                                              |  | Skid-tube <input type="checkbox"/> | Cross tube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coor. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> |  |
| Skid-tube <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Cross tube <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Water Jet <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                          | Engineering <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                       |                                              |  |                                    |                                     |                                    |                                      |                                    |                                    |                                           |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Machining <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Small Fab <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Prod. Eng. Coor. <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                   | Quality <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                       |                                              |  |                                    |                                     |                                    |                                      |                                    |                                    |                                           |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Thermoforming <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Finishing <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Rec/Store/Packaging <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                | Other <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                       |                                              |  |                                    |                                     |                                    |                                      |                                    |                                    |                                           |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Large Fab <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Composite <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Supplier <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                       |                                              |  |                                    |                                     |                                    |                                      |                                    |                                    |                                           |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Step #:                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | MRB (QSI042) Approval |                                              |  |                                    |                                     |                                    |                                      |                                    |                                    |                                           |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                       | Completed By                                 |  |                                    |                                     |                                    |                                      |                                    |                                    |                                           |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                       | Lead hand / Supervisor Approval Verification |  |                                    |                                     |                                    |                                      |                                    |                                    |                                           |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                       | QC / QA Coordinator Approval                 |  |                                    |                                     |                                    |                                      |                                    |                                    |                                           |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                       |                                              |  |                                    |                                     |                                    |                                      |                                    |                                    |                                           |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Root Cause                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FAULT CATEGORY                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                       |                                              |  |                                    |                                     |                                    |                                      |                                    |                                    |                                           |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Environment <input type="checkbox"/><br>Design <input type="checkbox"/><br>Doc/Data <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Pre <input type="checkbox"/><br>Material <input type="checkbox"/><br>Internal Transport <input type="checkbox"/><br>Tribal Knowledge <input type="checkbox"/><br>LOA <input type="checkbox"/><br>Substation <input type="checkbox"/><br>Past Expiry Date <input type="checkbox"/><br>Misidentified <input type="checkbox"/> | No Re-verification <input type="checkbox"/><br>Operator <input type="checkbox"/><br>Offset/Setup <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Training <input type="checkbox"/><br>Use for Testing <input type="checkbox"/><br>Poor Information <input type="checkbox"/><br>Rushing <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Past Due <input type="checkbox"/> | Pressure/Forced <input type="checkbox"/><br>Bending <input type="checkbox"/><br>Centre Not Concentric <input type="checkbox"/><br>Cracks <input type="checkbox"/><br>Crimp/Kink/Ripple/Wave <input type="checkbox"/><br>Cuffs <input type="checkbox"/><br>Crushing <input type="checkbox"/><br>Heat Treat <input type="checkbox"/><br>Wave/Twist in Tube <input type="checkbox"/><br>Marks/Chatter <input type="checkbox"/> | Temperature/Cure <input type="checkbox"/><br>Set-up <input type="checkbox"/><br>BOM/Route <input type="checkbox"/><br>Broken/Damage/Defect <input type="checkbox"/><br>Inspection Incomplete/Unqualified <input type="checkbox"/><br>Contamination <input type="checkbox"/><br>Countersink <input type="checkbox"/><br>Cut Too Short <input type="checkbox"/><br>Instructions Incomplete/Unclear <input type="checkbox"/><br>Drill Holes <input type="checkbox"/> | Power Loss/Surge <input type="checkbox"/><br>Folio/Program <input type="checkbox"/><br>Grain <input type="checkbox"/><br>Weld <input type="checkbox"/><br>Wrong Stock Pulled <input type="checkbox"/><br>Out of Sequence <input type="checkbox"/><br>Off-set <input type="checkbox"/><br>Mislabelled <input type="checkbox"/><br>Fit/Function <input type="checkbox"/><br>Misaligned/off center <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Positioned Wrong <input type="checkbox"/><br>Outside Dimensions <input type="checkbox"/><br>Over/Under tolerance <input type="checkbox"/><br>Part Incorrect <input type="checkbox"/><br>Part Lost/Missing <input type="checkbox"/><br>Part Moved <input type="checkbox"/><br>Drawing <input type="checkbox"/><br>Finish <input type="checkbox"/><br>Misread <input type="checkbox"/><br>Turning Sequence <input type="checkbox"/> |  |                       | OTHER : <input type="checkbox"/>             |  |                                    |                                     |                                    |                                      |                                    |                                    |                                           |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |



SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 185849 MC  
1811-05



RBEM652V3002101-M-7 STUD

NOTES:

- 1) MATERIAL: O1 (35-45 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1/2/4 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1"  
X.XX = +/- 0.01" / +/- 0.5"  
X.XXX = +/- 0.005" / +/- 0.1"  
X.XXXX = +/- 0.0005" / +/- 0.05"  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005" TO 0.010"
- 7) IDENTIFICATION: N/A
- 8) CENTER DRILL IS ACCEPTABLE

|                                                                                                                                                                                                                                                                               |           |                                   |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------|---------------|
| DESIGN                                                                                                                                                                                                                                                                        | VM        | <b>DART AEROSPACE LTD</b>         |               |
| DRAWN                                                                                                                                                                                                                                                                         | KPT       | HAWKESBURY, ONTARIO, CANADA       |               |
| CHECKED                                                                                                                                                                                                                                                                       | VM        | TOOL PART #                       | REV. B        |
| MFG. APPR.                                                                                                                                                                                                                                                                    | DP        | RBEM652V3002101-M                 | SHEET 6 OF 17 |
| APPROVED                                                                                                                                                                                                                                                                      | VM        | TITLE                             | SCALE         |
| DATE                                                                                                                                                                                                                                                                          | 9/25/2018 | TAIL GEAR BOX INPUT SEAL EXCHANGE | NTS           |
| COPYRIGHT © 2018 BY DART AEROSPACE LTD<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS<br>NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT<br>WRITTEN PERMISSION FROM DART AEROSPACE LTD |           |                                   |               |





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO041636**

**Supplier:** ATL002-VC  
Atlantic Heat Treat 2001  
401 Frankcom  
Ajax  
ON  
L1S R14 Canada  
Phone: 866 257 6395

**PO No:** PO041636  
**PO Date:** 11/7/18  
**Due Date:** 11/16/18  
**Purchase Order Revision:**  
**Revision Date:**  
**Ship-To Contact:** Tsimiklis, ChrisoulaPhone:

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Pymt Terms:** Net 30  
**Freight Terms:**  
**Special Comments:**

## **Items**

| Line Item | Job    | Part                | Description                                                                                                             | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-----------|--------|---------------------|-------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| 1         | 185849 | RBEM652V3002101-M-7 | Stud<br>1--Issue P/O to Atlantic ;<br>P/O _____<br>RC 35-45<br>2-Bead blast<br>3- Certificate of Conformity is required | Firmed | -       | 11/16/18 | 2 pcs          | 0 pcs             | 2 pcs   | \$37.50/pcs      | \$75.00        |

NOV 15 2018

**Line Item Note** \*\* Need day turn around \*\*

**Grand Total:** \$75.00

## **Order Notes**

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)

A022 Apical Processing  
A024 process certifications  
A026 certification of material conformance

A041 quality management system  
A042 dart notification by supplier  
A043 retension of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 11/14/18 1:59 PM dart.tsimiklis.chrisoula

# Shipping Ticket

**Sold To:** 1448  
**DART AEROSPACE LTD.**  
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

**Ship To:** 157359  
**DART AEROSPACE LTD.**  
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Page 1 of 1

| Purchase Order Number | Packing List No | Customer Job No | Route | Carrier |
|-----------------------|-----------------|-----------------|-------|---------|
| PO041636 ✓            |                 |                 |       |         |

| Quantity | Part No. / Part Name / Part Description                                                                   | Pounds |
|----------|-----------------------------------------------------------------------------------------------------------|--------|
| ✓ 2      | PCS MATERIAL 0-1<br>SAND BLAST & HEAT TREAT TO 35-45RC<br>C OF C, PRT# RBEM652V3002101-M-7, JOB# 185849 ✓ |        |

| Container Type | # Of Containers | Cust Cont Id | Container Type | # Of Containers | Cust Cont Id |
|----------------|-----------------|--------------|----------------|-----------------|--------------|
| BOX            | 1               |              |                |                 |              |

NOTICE: OUR LIABILITY IS LIMITED TO OUR INVOICE CHARGES ONLY

Shipped Complete

Quantity Shipped: 2

Pounds Shipped: 9.00

Order No.: 160247

Shipped Complete

Quantity Shipped: 2.00

Received By:

Date:

Pounds Shipped: 9.00

Sold To: DART AEROSPACE LTD.

Shipped ON: 11/09/2018

38<sup>RC</sup>

11-12-18



# Certification

Date: 11/12/2018

Entry Date: 11/09/2018

Page: 1 of 1

**To:**DART AEROSPACE LTD.  
1270 ABERDEEN ST

Purchase Order No.: PO041636 ✓

Packing List No.:

HAWKESBURY ON K6A 1K7

Material: 01

We are pleased to provide you with the following Certificate of Compliance.

| Quantity | Part Number / Part Name / Part Description                                                               | Pounds |
|----------|----------------------------------------------------------------------------------------------------------|--------|
| 2        | 2PCS MATERIAL 0-1<br>SAND BLAST & HEAT TREAT TO 35-45RC<br>C OF C, PRT# RBEM652V3002101-M-7, JOB# 185849 | 9      |

| Insp. Type | Scale | Minimum | Maximum | Number | Other |
|------------|-------|---------|---------|--------|-------|
|------------|-------|---------|---------|--------|-------|

**Customer Requirements:**

Harden rockwell

**Results:**

Harden ROCKWE 35. 45. 38. TESTED AS PER SAMPLING PLAN  
HEAT TREATED TO 38 RC AS PER CUSTOMER REQUEST

STATEMENT OF LIMITED LIABILITY (PLEASE READ CAREFULLY). ALL WORK IS ACCEPTED SUBJECT TO THE FOLLOWING CONDITIONS: It is recognized that even after employing all the scientific methods known to us, hazards still remain in metal treating. THEREFORE, OUR LIABILITY SHALL NOT EXCEED TWICE THE AMOUNT OF OUR CHARGES FOR THE WORK DONE ON ANY MATERIAL (FIRST TO REIMBURSE FOR THE CHARGES AND SECOND TO COMPENSATE IN THE AMOUNT OF THE CHARGES), EXCEPT BY WRITTEN AGREEMENT SIGNED BY THE METAL TREATER. THE CUSTOMER, BY CONTRACTING FOR METAL TREATMENT, AGREES TO ACCEPT THE LIMITS OF LIABILITY AS EXPRESSED IN THIS STATEMENT TO THE EXCLUSION OF ANY AND ALL PROVISIONS AS TO LIABILITY ON THE CUSTOMER'S OWN INVOICES, PURCHASE ORDERS OR OTHER DOCUMENTS. IF THE CUSTOMER DESIRES HIS OWN PROVISIONS AS TO LIABILITY TO REMAIN IN FORCE AND EFFECT, THIS MUST BE AGREED TO IN WRITING, SIGNED BY AN OFFICER OF THE TREATER, IN SUCH EVENT, A DIFFERENT CHARGE FOR OUR SERVICES REFLECTING THE HIGHER RISK TO TREATER, SHALL BE DETERMINED BY THE TREATER AND CUSTOMER. THE TREATER MAKES NO EXPRESS OR IMPLIED WARRANTIES AND SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF THE FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, AS TO THE PERFORMANCE OF CAPABILITIES OF THE MATERIAL AS HEAT TREATED, OR THE HEAT TREATMENT. THE AFOREMENTIONED LIMITATION OF LIABILITY STATED ABOVE IS SPECIFICALLY IN LIEU OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS, AND OF ANY OTHER SUCH OBLIGATION ON THE PART OF THE TREATER. No claim for shortage in weight or count will be entertained unless presented within five (5) working days after receipt of materials by customer. No claim will be allowed for shrinkage, expansion, deformity, or rupture of material in treating or straightening, except by prior written agreement, as above, nor in any case for rupture caused by or occurring during subsequent grinding. Whenever we are given material with detailed instructions as to treatment, our responsibility shall end with the carrying out of those instructions. Failure by a customer to indicate plainly and correctly the kind of material (i.e., proper alloy designation) to be treated, shall cause an extra charge to be made to cover any additional expense incurred as a result thereof, but shall not change the limitation of liability stated above. Customer agrees there will be no liability on the treater in contract for any special, indirect or consequential damages arising whatsoever, including but not limited to personal injury, property damage, loss of profits, loss of production, recall or any other losses, expenses or liabilities allegedly occasioned by the work performed on the part of the treater. It shall be the duty of the customer to inspect the merchandise immediately upon its return, and in any event claims must be reported prior to the time that any further processing, assembling or any other work undertaken. OUR LIABILITY TO OUR CUSTOMERS SHALL CEASE ONCE ANY FURTHER PROCESSING, ASSEMBLING OR ANY OTHER WORK HAS BEEN UNDERTAKEN ON SAID MATERIAL. No agent or representative is authorized to alter the above conditions, except by writing duly signed by an officer of treater.

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KEAN SHEPHERD  
QUALITY CONTROL  
ATLANTIC HEAT TREATING 2001 LTD